Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
Data File : BP011734.D
Acq On : 19 Sep 2022 14:17
Operator : CG/JU
Sample : N3980-09
Misc : MDL-MDL-WATER-8ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/20/2022
Supervised By :Jagrut Upadhyay 09/22/2022

Quant Time: Sep 20 05:09:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 05:06:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	389034	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1559675	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	858342	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	1632220	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	1514701	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	1466977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2148016	100.501	ng	0.00
7) Phenol-d6	7.093	99	2801353	98.326	ng	0.00
23) Nitrobenzene-d5	9.099	82	1802060	68.524	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	605675	90.311	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	3864507	69.985	ng	0.00
79) Terphenyl-d14	19.881	244	4886481	70.153	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	70970	7.540	ng	# 86
3) Pyridine	3.787	79	151655	5.589	ng	# 83
4) n-Nitrosodimethylamine	3.693	42	76362	7.341	ng	# 51
6) Aniline	7.258	93	266523	7.594	ng	90
8) 2-Chlorophenol	7.493	128	182804	7.213	ng	95
9) Benzaldehyde	7.075	77	159191	8.729	ng	94
10) Phenol	7.117	94	233376	7.283	ng	85
11) bis(2-Chloroethyl)ether	7.358	93	182917	7.166	ng	93
12) 1,3-Dichlorobenzene	7.822	146	203038m	7.224	ng	
13) 1,4-Dichlorobenzene	7.969	146	206506	7.225	ng	97
14) 1,2-Dichlorobenzene	8.287	146	197622	7.253	ng	97
15) Benzyl Alcohol	8.175	79	137441	6.757	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.469	45	257190	7.543	ng	92
17) 2-Methylphenol	8.375	107	135463	6.511	ng	94
18) Hexachloroethane	9.022	117	70196	7.101	ng	92
19) n-Nitroso-di-n-propyla...	8.746	70	120964	6.557	ng	# 87
20) 3+4-Methylphenols	8.705	107	176694	6.184	ng	93
22) Acetophenone	8.763	105	263319	7.202	ng	# 89
24) Nitrobenzene	9.140	77	201360	7.359	ng	94
25) Isophorone	9.669	82	306784	6.595	ng	96
26) 2-Nitrophenol	9.858	139	56765	5.057	ng	# 85
27) 2,4-Dimethylphenol	9.916	122	143830	7.395	ng	89
28) bis(2-Chloroethoxy)met...	10.158	93	230222	7.739	ng	97
29) 2,4-Dichlorophenol	10.387	162	130878	6.074	ng	97
30) 1,2,4-Trichlorobenzene	10.605	180	159744	6.697	ng	96
31) Naphthalene	10.793	128	557353	6.886	ng	98
32) Benzoic acid	9.969	122	40243m	2.765	ng	
33) 4-Chloroaniline	10.905	127	212191	6.682	ng	# 92
34) Hexachlorobutadiene	11.081	225	85562	6.512	ng	97
35) Caprolactam	11.675	113	31985	4.582	ng	# 75
36) 4-Chloro-3-methylphenol	12.022	107	140945	6.083	ng	95
37) 2-Methylnaphthalene	12.404	142	363057	6.703	ng	96
38) 1-Methylnaphthalene	12.622	142	348793	6.586	ng	98
40) 1,2,4,5-Tetrachloroben...	12.769	216	162246	7.162	ng	98
41) Hexachlorocyclopentadiene	12.752	237	85342	7.547	ng	97
43) 2,4,6-Trichlorophenol	13.004	196	85977	5.579	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	100141	5.812	ng		94
46) 1,1'-Biphenyl	13.410	154	470138	7.529	ng		99
47) 2-Chloronaphthalene	13.451	162	348074	7.085	ng		99
48) 2-Nitroaniline	13.651	65	73034	5.301	ng		92
49) Acenaphthylene	14.298	152	496285	6.528	ng		98
50) Dimethylphthalate	14.028	163	393453	6.571	ng		100
51) 2,6-Dinitrotoluene	14.146	165	66619	5.486	ng		94
52) Acenaphthene	14.640	154	334909m	6.623	ng		
53) 3-Nitroaniline	14.475	138	72294	5.163	ng	#	99
54) 2,4-Dinitrophenol	14.681	184	20712	3.502	ng		96
55) Dibenzofuran	14.975	168	514977	7.072	ng		97
56) 4-Nitrophenol	14.775	139	49968	4.235	ng		85
57) 2,4-Dinitrotoluene	14.934	165	76760	4.880	ng		94
58) Fluorene	15.622	166	401654	6.801	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.198	232	75720	5.350	ng		90
60) Diethylphthalate	15.393	149	379384	6.364	ng		98
61) 4-Chlorophenyl-phenyle...	15.616	204	185630	6.799	ng		99
62) 4-Nitroaniline	15.640	138	68810	4.889	ng	#	84
63) Azobenzene	15.910	77	361012	6.301	ng		92
65) 4,6-Dinitro-2-methylph...	15.693	198	29291	3.669	ng		96
66) n-Nitrosodiphenylamine	15.828	169	329697	6.789	ng		100
67) 4-Bromophenyl-phenylether	16.516	248	95974	6.281	ng		93
68) Hexachlorobenzene	16.628	284	105331	6.401	ng	#	91
69) Atrazine	16.787	200	93345	6.297	ng		95
70) Pentachlorophenol	16.969	266	46581	4.462	ng		95
71) Phenanthrene	17.369	178	608837	6.855	ng		98
72) Anthracene	17.463	178	570855	6.796	ng		99
73) Carbazole	17.728	167	536657	6.772	ng		98
74) Di-n-butylphthalate	18.281	149	549471	5.753	ng		98
75) Fluoranthene	19.334	202	620963	6.483	ng		96
77) Benzidine	19.510	184	268316	7.449	ng		97
78) Pyrene	19.681	202	655979	6.421	ng		99
80) Butylbenzylphthalate	20.557	149	219160	5.119	ng		95
81) Benzo(a)anthracene	21.392	228	644104	6.597	ng		98
82) 3,3'-Dichlorobenzidine	21.322	252	199412	6.725	ng	#	97
83) Chrysene	21.445	228	624797	6.698	ng		99
84) Bis(2-ethylhexyl)phtha...	21.316	149	337848	5.486	ng	#	96
85) Di-n-octyl phthalate	22.257	149	519934	4.920	ng		96
87) Indeno(1,2,3-cd)pyrene	26.415	276	655339	6.201	ng	#	88
88) Benzo(b)fluoranthene	23.104	252	629837	6.942	ng	#	95
89) Benzo(k)fluoranthene	23.157	252	599140	6.553	ng	#	97
90) Benzo(a)pyrene	23.745	252	508054	6.778	ng	#	95
91) Dibenzo(a,h)anthracene	26.433	278	575694	6.560	ng	#	93
92) Benzo(g,h,i)perylene	27.204	276	557925	6.521	ng	#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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